IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Christopher B. Weare

Serial No.: 09/934,071   Group Art Unit: 2171
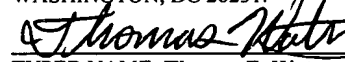
Filing Date: August 20, 2001   Examiner: Not Yet Assigned

'For: SYSTEM AND METHODS FOR PROVIDING ADAPTIVE MEDIA
PROPERTY CLASSIFICATION

DATE OF DEPOSIT: __11/26/01__

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231.

TYPED NAME: **Thomas E. Watson**
REGISTRATION NO.: **43,243**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

☒   In accordance with §1.97(b), since this Information Disclosure Statement is being

filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

☐   In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐the first or ☐second After Final Submission, therefore:

     ☐   Certification in Accordance with §1.97(e) is attached; or

     ☐   The fee of **$180.00** as set forth in §1.17(p) is attached.

☐   In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or before an action that otherwise closes prosecution in the application, therefore:

     ☐   ·   Certification in Accordance with §1.97(e) is attached; or

     ☐   The fee of **$180.00** as set forth in §1.17(p) is attached.

☐   In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); and the submission fee of **$180.00** as set forth in §1.17(p).

☒   Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☐   Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

     ☐   In view of the voluminous nature of references **[list as appropriate]**, and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐   In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C.§120 have been made in the instant application:

☐   Copies of references **[list as appropriate]** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No.   , filed   .

☐   If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

An English language abstract has been provided for any references which are not in the English language.

Date: 11/26/01
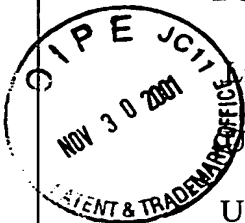
Thomas E. Watson
Registration No. **43,243**

WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

© 2001 WW

Form PTO-1449 Modified	Docket No. MSFT-0579/167505.2	Serial No. 09/934,071
List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Applicant **Christopher B. Weare**	
	Filing Date **August 20, 2001**	Group **2171**

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
.	AA	5,918,223	06/29/99	Blum et al.	707	1
.						

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

EXAMINER	DATE CONSIDERED

Form PTO-1449 Modified	Docket No. **MSFT-0579/167505.2**	Serial No. **09/934,071**
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant **Christopher B. Weare**	
U.S. Department of Commerce Patent and Trademark Office	Filing Date **August 20, 2001**	Group **2171**

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	AM	Rabson, G. et al., "The National Tune Index: a Systems Overview," *Computers and the Humanities,* **1981,** *15(3),* 129-137
	AN	Scludermann, B., "Quantity versus quality. II. Setting up a database for a quantitative analysis of German/Dutch language mixtures in late medieval song MSs," *Proceedings of the 5th International Conference and Exhibition on Multi-Lingual Computing,* Cambridge, UK, April 11-13, **1996,** 7/6/1-11
	AO	Sonoda, T. et al., "A WWW-based Melody Retrieval System," *1998 International Computer Music Conference,* October, **1988,** 349-352
	AP	Spyridis, H. et al., "Fourier Analysis and Information Theory on a Musical Composition," *Acustica,* **1983,** *52(4),* 255-262
	AQ	Tang, M. et al., "Selection of Melody Lines for Music Databases," *Proceedings 24th Annual International Computer Software and Applications Conference,* Taipei, Taiwan, October 25-27, **2000,** 243-248
	AR	Umemoto, T. et al., "Construction of Transcription System and Comparison of Peak Extraction Methods," *Trans. Of the Soc. Of Instrument and Control Engineers,* **1993,** *29(10),* 1227-1231 (English language abstract included)
	AS	Yang, C.Y. et al., "Korean Folk Song Retrieval Using Rhythm Pattern Classification," *Proceedings of Fifth International Symposium on Signal Processing and its Applications,* Brisbane, Australia, August 22-25, **1999,** *1,* 123-126

EXAMINER	DATE CONSIDERED

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No. MSFT-0579/167505.2	Serial No. 09/934,071

| Applicant **Christopher B. Weare** | |

| Filing Date **August 20, 2001** | Group 2171 |

OIPE NOV 3 0 2001

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	AB	Chen, A.L.P. et al., "Query by music segments: an Efficient Approach for Song Retrieval," *Proceedings of International Conference on Multimedia and Expo.*, New York, NY, July 30-August 2, **2000**, *2*, 873-876
	AC	Chen, J.C.C. et al., "Query by Rhythm: an Approach for Song Retrieval," *Proceedings Eighth International Workshop on Research Issues in Data Engineering. Continuous-Media Databases and Applications*, Orlando, Florida, February 23-24, **1998**, 139-146
	AD	Davies, S.C. et al., "An Adaptive Technique for Automated Recognition of Musical Tones," *Conference Record of the Thirtieth Asilomer Conference on Signals, Systems, and Computers*, Pacific Grove, California, November 3-6, **1996**, *2*, 1138-1141
	AE	Francu, C. et al., "Distance Metrics and Indexing Strategies for a Digital Library of Popular Music," *Proceedings of International Conference on Multimedia and Expo.*, New York, NY, July 30-August 2, **2000**, *2*, 889-892
	AF	Goldberg, I. et al., "The Ninja Jukebox," *2nd USENIX Symposium on Internet Technologies and Systems*, Boulder, Colorado, October 11-14, **1999**, 37-46
	AG	Hoffbeck, J.P., "A Method for Hiding Useful Information in Digital Audio Signals," *Computers in Education J.*, **2001**, *11(1)*, 7-11
	AH	Logan, B. et al., "Music Summarization Using Key Phrases," *Proceedings of 2000 International Conference on Acoustics, Speech and Signal Processing*, Istanbul, Turkey, June 5-9, **2000**, *2*, 749-752
	AI	McNab, R.J. et al., "Towards the Digital Music Library: Tune Retrieval from Acoustic Input," *Proceedings of the 1st ACM International Conference on Digital Libraries*, Bethesda, Maryland, March, **1996**, 11-18
	AJ	McNab, R.J. et al., "Tune Retrieval in the Multimedia Library," *Multimedia Tools and Applications*, **2000**, *10(2-3)*, 113-132
	AK	McNab, R.J. et al., "The New Zealand Digital Library MELody inDEX," *D-Lib Magazine*, **1997**, http://www.dlib.org/dlib/may97/meldex/05witten.html, 8 pages
	AL	Ozimek, E. et al., "Thresholds of Perception of Irregular Signal Frequency Changes," *Archives of Acoustics*, **1985**, *10(2)*, 123-141

EXAMINER	DATE CONSIDERED